

LIST OF CURRENT CLAIMS

1. (Currently Amended) System comprising with at least one banknote processing machine (10, 11), which is connected to a service centre (100) by means of a network (60), wherein

~~characterized by~~

~~the exchange of data necessary for operation of the at least one banknote processing machine (10, 11) and/or of data produced during operation of the at least one banknote processing machine (10, 11)~~ is exchanged between the banknote processing machine (10, 11) and the service centre (100) via the network (60).

2. (Currently Amended) The system according to Claim 1, wherein ~~characterized in that~~ the exchanged data comprise software.

3. (Currently Amended) The system according to Claim 1, wherein ~~or 2, characterized in that~~ the exchanged data comprise comparison data and/or presets.

4. (Currently Amended) The system according to Claim 1, wherein ~~any one of Claims 1 to 3, characterized in that~~ the data from the service centre (100) fully or partially replaces and/or enhances the data in the banknote processing machine (10, 11).

5. (Currently Amended) The system according to Claim 1, wherein ~~any one of Claims 1 to 4, characterized in that~~ the network comprises (60) ~~is formed by~~ the Internet.

6. (Currently Amended) The system according to Claim 1, wherein ~~any one of Claims 1 to 5, characterized in that~~ the banknote processing machine (10, 11) and the service centre (100) have an interface (6, 42) for connection to the network (60).

7. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 6, characterized in that a number of banknote processing machines (11, 11') are connected to one another (111), wherein the exchange of data with the service centre (100) takes place via one of the banknote processing machines (11') and/or via the connection (111) of the banknote processing machines (11, 11').

8. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 7, characterized in that one or more banknote processing machines (11, 11') are assigned to an operator that is able to (110), ~~which can~~ monitor and/or control the banknote processing machines (11, 11') by means of a monitoring unit (112).

9. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 8, characterized in that data from banknote processing machines (10, 11) and/or operators (110) are stored in a data memory of the service centre (100).

10. (Currently Amended) The system according to Claim 1 or 8, wherein any one of Claims 1 to 9, characterized in that the service centre is arranged to evaluate (100) ~~evaluates~~ the data from the banknote processing machines (10, 11) and/or operators (110).

11. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 10, characterized in that the service centre (100) is connected to departments (101 to 104).

12. (Currently Amended) The system according to Claim 11, wherein characterized in that the departments are arranged to (101 to 104) provide data to the service centre (100).

13. (Currently Amended) The system according to Claim 11, wherein ~~or 12,~~
~~characterized in that the departments are arranged to (101 to 104)~~ evaluate data
~~from the service centre (100).~~

14. (Currently Amended) The system according to Claim 11, wherein ~~any one~~
~~of Claims 11 to 13, characterized in that each department is arranged to (101 to~~
~~104) can access data of the other departments (101 to 104).~~

15. (Currently Amended) The system according to Claim 11, wherein ~~any one~~
~~of Claims 11 to 14, characterized in that the departments are arranged to (101 to~~
~~104) request data from the banknote processing machines (10, 11).~~

16. (Currently Amended) The system according to Claim 11, wherein ~~any one~~
~~of Claims 11 to 15, characterized in that the departments are arranged to (101 to~~
~~104) provide data to the banknote processing machines (10, 11).~~

17. (Currently Amended) The system according to Claim 11, wherein ~~any one~~
~~of Claims 11 to 16, characterized in that one of said departments is arranged to~~
~~provide department (101) provides software for operation of the banknote~~
~~processing machines (10, 11).~~

18. (Currently Amended) The system according to Claim 11, wherein ~~any one~~
~~of Claims 11 to 17, characterized in that one of said departments is arranged to~~
~~provide department (102) provides comparison data for the banknote processing~~
~~machines (10, 11).~~

19. (Currently Amended) The system according to Claim 11, wherein ~~any one~~
~~of Claims 11 to 18, characterized in that one of said departments is arranged to~~
~~provide department (103) provides data and/or software and/or information for~~
~~repairing and/or servicing the banknote processing machines (10, 11).~~

20. (Currently Amended) The system according to Claim 11, wherein any one of Claims 11 to 19, characterized in that one of said departments is arranged to provide department (104) provides information concerning the banknote processing machines (10, 11).

21. (Currently Amended) The system according to Claim 1, including any one of Claims 1 to 20, characterized in that at least one further service centre (100) is connected to the network (60).

22. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 21, characterized in that at least one service organization (106) and/or service person is connected to the service centre (100) via the network (60).

23. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 22, characterized in that the service centre is arranged to provide (100) provides a trial version of the data for the banknote processing machines (10, 11), which is usable ~~can be used~~ by the banknote processing machines (10, 11) only for a limited time and/or for a predetermined number of uses.

24. (Currently Amended) The system according to Claim 1, configured so as to enable any one of Claims 1 to 23, characterized in that operators (110, 107) and/or service organizations (106) and/or banknote processing machines to (10, 11) can search for information and/or data from the service centre (100) in a targeted manner.

25. (Currently Amended) The system according to Claim 1, 8 or 11, wherein any one of Claims 1 to 24, characterized in that the service centre (100) and/or the departments (101 to 104) communicate via the network (60) with the operators (110) and/or the service organizations (106) and/or service personnel, in particular by means of graphic signals and/or text signals and/or image signals and/or sound signals.

26. (Currently Amended) The system according to Claim 8, wherein any one of Claims 1 to 25, characterized in that the exchange of data between the service centre (100) and the banknote processing machines (10, 11), the service organization (106), and the operators, (110), etc. uses a standard protocol, in particular HTTP or TCP/IP.

27. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 26, characterized in that the service centre is arranged to request (100) requests data from the banknote processing machines (10, 11).

28. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 27, characterized in that the service centre is enabled to adjust and control (100) adjusts and/or controls the banknote processing machines (10, 11).

29. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 28, characterized in that the banknote processing machines are arranged to (10, 11) request data from the service centre (100).

30. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 29, characterized in that the service centre is enabled to charge (100) charges fees for transmitting data to the banknote processing machines (10, 11).

31. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 30, characterized in that the service centre is arranged to provide (100) provides individual presets for each of the banknote processing machines (10, 11).

32. (Currently Amended) The system according to Claim 31, wherein characterized in that each of the banknote processing machines is arranged to

check ~~(10, 11)~~ checks whether new individual presets are available from the service centre ~~(100)~~ and, if so, to use ~~uses~~ these new presets.

33. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 32, characterized in that adjustments to the respective banknote processing machine ~~(10, 11)~~ are undertaken by the banknote processing machine ~~(10, 11)~~ depending on the location.

34. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 33, characterized in that the banknote processing machines are arranged to ~~(10, 11)~~ send fault reports to the service centre ~~(100)~~ and/or the service organization ~~(106)~~ and/or the operator ~~(110)~~.

35. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 34, characterized in that the service centre ~~(100)~~ and/or the service organization ~~(106)~~ and/or the operator ~~(110)~~ request fault reports from the banknote processing machines ~~(10, 11)~~.

36. (Currently Amended) The system according to Claim 34, wherein or 35, characterized in that any faults that have occurred are displayed by the banknote processing machines ~~(10, 11)~~ by means of an input/output device ~~(12, 45)~~.

37. (Currently Amended) The system according to Claim 4, wherein any one of Claims 34 to 36, characterized in that, when a fault has occurred and/or when a fault report has been received from the banknote processing machines ~~(10, 11)~~, the service centre ~~(100)~~ generates instructions to remove this fault and provides said instructions to the respective banknote processing machine ~~(10, 11)~~.

38. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 37, characterized in that, for certain operating processes and/or fault clearance operations, the presence of one or more persons is absolutely necessary.

39. (Currently Amended) The system according to Claim 38, wherein ~~characterized in that~~ the presence of the person or persons is monitored, ~~in particular by the person or persons identifying themselves by means of individual cards (14).~~

40. (Currently Amended) The system according to Claim 1, wherein ~~any one of Claims 1 to 39, characterized in that~~ the service centre (100) informs the service organization (106) and/or a service person if certain faults occur on one of the banknote processing machines (10, 11).

41. (Currently Amended) The system according to Claim 40, wherein ~~characterized in that~~ the service centre (100) transmits to the service organization (106) and/or to the service person information concerning the type of fault and/or concerning the measures to be carried out and/or concerning replacement parts that are required.

42. (Currently Amended) The system according to Claim 1, wherein ~~any one of Claims 1 to 41, characterized in that~~ the service centre (100) checks whether a banknote processing machine (10, 11), a service organization (106) and an operator (107, 110) are authorized to exchange data with the service centre (100).

43. (Currently Amended) The system according to Claim 1, wherein ~~any one of Claims 1 to 42, characterized in that~~ the banknote processing machines (10, 11), the service organizations (106) and the operators (107, 110) check whether the service centre (100) is authorized to exchange data with them.

44. (Currently Amended) The system according to Claim 1, wherein ~~any one of Claims 1 to 43, characterized in that~~ data from the service centre (100) are loaded by a banknote processing machine (10, 11) if the data from the service centre (100) are of a newer version.

45. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 44, characterized in that the exchange of data between the service centre (100) and the banknote processing machines (10, 11) takes place at a specified point of time.

46. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 45, characterized in that the exchange of data between the service centre (100) and the banknote processing machines (10, 11) is refused by the banknote processing machines (10, 11).

47. (Currently Amended) The system according to Claim 46, wherein characterized in that, if the exchange of data is refused by a banknote processing machine (10, 11), the service centre (100) takes control of the banknote processing machine (10, 11) in order to perform the exchange of data.

48. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 47, characterized in that the data of the banknote processing machine (10, 11) are backed up prior to an exchange of data into the banknote processing machine (10, 11) and/or the service centre (100).

49. (Currently Amended) The system according to Claim 48, wherein characterized in that the backed up data of the banknote processing machine (10, 11) can be used again or further if the exchange of data between the service centre (100) and the banknote processing machine (10, 11) fails.

50. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 49, characterized in that fundamental parts of the data of the banknote processing machines (10, 11) cannot be altered by an exchange of data.

51. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 50, characterized in that the banknote processing machines are arranged to (10, 11) check whether the data to be exchanged originate from an authorized source.

52. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 51, characterized in that the banknote processing machines are arranged to (10, 11) check prior to each use of data whether the data to be used originate from an authorized source.

53. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 52, characterized in that data to be exchanged, which must be paid, are identified, and exchange with the banknote processing machines (10, 11) is possible only if proof of payment exists.

54. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 53, characterized in that data to be exchanged, which must be paid, are identified, and use by the banknote processing machines (10, 11) is possible only if proof of payment exists.

55. (Currently Amended) The system according to Claim 53, wherein or 54, characterized in that the proof of payment is provided by an individual identifier of a banknote processing machine (10, 11).

56. (Currently Amended) The system according to Claim 53, wherein or 55, characterized in that the proof of payment is provided by an identifier for a number of banknote processing machines (10, 11).

57. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 56, characterized in that an amount to be paid for data is set depending on the use of the data by the banknote processing machine (10, 11).

58. (Currently Amended) The system according to Claim 1, wherein ~~any one of Claims 1 to 57, characterized in that~~ data concerning the banknotes (BN) processed by the banknote processing machines (10, 11) are transmitted to the service centre (100).

59. (Currently Amended) The system according to Claim 58, wherein ~~characterized in that~~ comparison data are generated by the service centre (100) from the data concerning the banknotes (BN).

60. (Currently Amended) The system according to Claim 59, wherein ~~characterized in that~~ comparison data generated by the service centre (100) are exchanged with the banknote processing machines (10, 11).

61. (Currently Amended) The system according to Claim 1, wherein ~~any one of Claims 1 to 60, characterized in that~~ the service centre is arranged to generate (100) generates an alarm message as a result of exchanging data with one or more of the banknote processing machines (10, 11), which alarm message is sent to at least one of the banknote processing machines (10, 11).

62. (Currently Amended) The system according to Claim 61, wherein ~~characterized in that~~ the alarm message places the banknote processing machines (10, 11) in a special mode of operation.

63. (Currently Amended) The system according to Claim 61, wherein ~~or 62, characterized in that~~ the alarm message contains further data, which are generated by the service centre (100) and/or originate from the banknote processing machine(s) (10, 11) whose data triggered the generation of the alarm message.

64. (Currently Amended) The system according to Claim 61, wherein ~~any one of Claims 61 to 63, characterized in that~~ the alarm message is generated when counterfeit or suspect banknotes are found.

65. (Currently Amended) The system according to Claim 61, wherein ~~any one of Claims 1 to 64, characterized in that~~ a service person sets up by means of the banknote processing machines (10, 11) or a computer (50) a connection via the network (60) to the service centre (100) and/or the service organization (106) in order to request assistance and/or replacement parts.

66. (Currently Amended) The system according to Claim 65, wherein ~~characterized in that~~ the operations carried out by the service person are communicated via the network (60) to the service centre (100) and/or the service organization (106).

67. (Currently Amended) The system according to Claim 66, wherein ~~characterized in that~~ the service centre (100) and/or the service organization (106) charges fees based on the operations communicated.

68. (Currently Amended) The system according to Claim 1, wherein ~~any one of Claims 1 to 67, characterized in that~~ the service centre (100) informs the operating person if certain faults occur on one of the banknote processing machines (10, 11).

69. (Currently Amended) The system according to Claim 68, wherein ~~characterized in that~~ the service centre (100) transmits information concerning the type of fault and/or concerning the measures to be carried out and/or concerning replacement parts that are required to the operating person.

70. (Currently Amended) The system according to Claim 68, wherein ~~or 69, characterized in that~~ the service centre (100) asks the operating person to deliver

the necessary replacement parts to the location of the respective banknote processing machine (10, 11).

71. (Currently Amended) The system according to Claim 68, wherein any one of Claims 68 to 70, characterized in that the service centre (100) asks the departments (103) to provide data and/or software for clearing the fault on the banknote processing machines (10, 11).

72. (Currently Amended) The system according to Claim 71, wherein characterized in that the departments (103) provide the data and/or software for clearing the fault on the banknote processing machines (10, 11) by text and/or graphically and/or optically and/or acoustically.

73. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 72, characterized in that, when certain faults occur, the service centre (100) clears the faults via the network (60).

74. (Currently Amended) The system according to Claim 1, wherein any one of Claims 1 to 73, characterized in that operating persons of the banknote processing machines (10, 11) define specific configuration data.

75. (Currently Amended) The system according to Claim 74, wherein characterized in that the specific configuration data are stored in the banknote processing machine (10, 11), the service centre (100) and/or the service organization (106) and/or the computer (112) of the operator (110).

76. (Currently Amended) The system according to Claim 75, wherein characterized in that the stored specific configuration data are used by an operating person of the banknote processing machines (10, 11) when this operating person operates the banknote processing machine (10, 11).

77. (Currently Amended) Banknote processing machine, wherein ~~characterized in that~~ the banknote processing machine (10, 11) is used in a system according to Claim 1 ~~any one of Claims 1 to 76~~.

78. (Currently Amended) The banknote processing machine according to Claim 77, wherein ~~characterized in that~~ the banknote processing machine (10, 11) has an interface (6, 42) for connection to the network (60).

79. (Currently Amended) Service centre, wherein ~~characterized in that~~ the service centre (100) is used in a system according to Claim 1 ~~any one of Claims 1 to 76~~.

80. (Currently Amended) The service centre according to Claim 79, wherein ~~characterized in that~~ the service centre (100) has an interface for connection to the network (60).

81. (Currently Amended) Method for operating at least one banknote processing machine as well as a service centre, comprising the steps:
characterized by

exchanging the exchange of data necessary for operation of the at least one banknote processing machine (10, 11) between the at least one banknote processing machine (10, 11) and the service centre (100), in accordance with a system consisting of the at least one banknote processing machine (10, 11) and the service centre (100), according to Claim 1 ~~any one of Claims 1 to 76~~.